



U.S. Department
of Transportation

**Federal Aviation
Administration**

Delegation and Airworthiness
Programs Branch, AIR-140

PO Box 26460
Oklahoma City, Oklahoma 73125

July 14, 2004

Dear Designated Engineering Representative (DER):

On behalf of the Aircraft Certification Service, the Transport Airplane Directorate, and the Los Angeles Aircraft Certification Office (LAACO), all Systems and Flight test DERs are invited to participate in the **2004 LAACO DER Recurrent Seminar**.

All seminar sessions will be held at the:

Hilton Costa Mesa 3050 Bristol Street Costa Mesa, CA 92626 714-540-7000	The Recurrent Seminar is scheduled for: September 21 – 8:00 am to 4:00 pm – Flight Test and Mechanical Systems Breakout Sessions September 22 – 8:00 am to 4:00 pm - General Session September 23 – 8:00 am to 4:00 pm – Electrical Systems Breakout Session
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A draft agenda showing the recurrent seminar presentation times and topics is attached.

The FAA expects all active DERs to attend a DER Recurrent Seminar general session and applicable technical session(s) every two years to maintain DER currency. Failure to attend a DER recurrent seminar may result in the termination of your DER Authorization. If you have questions about attending, contact your FAA advisor.

A limited number of sleeping rooms have been blocked at the Hilton Cost Mesa at a rate (single or double) of \$106.00 per day, plus tax, for the nights of September 20-23, 2004. Make your hotel reservations by calling **(800) 445-8667, no later than September 7, 2004**. Be sure to request the group rate for the FAA/DER Seminar. There is a \$7.00/day charge for parking at the hotel.

Please **FAX** your completed Attendance Request Form to Nancy Gage at **(405) 954-4104**, or **e-mail** your form to **DER.Seminar.Registration@faa.gov**, or **mail** your form to Nancy Gage at AIR-140, P.O. Box 26460, Oklahoma City, OK 73125-0460, **to arrive no later than September 7, 2004**.

If you have questions call Nancy Gage at (405) 954-4774 or Ken Filippelli at (405) 954-1825.

Sincerely,

Ken Filippelli
Recurrent Seminar Program Manager

Attendance Request Form
Los Angeles ACO DER Recurrent Seminar

Hilton Costa Mesa
3050 Bristol Street
Costa Mesa, CA 92626
September 21-23, 2004

FAX TO: Nancy Gage at **FAX#** 405-954-4104

Register me for the following sessions: *(Mark an X to indicate your choices.)*

SEMINAR SESSIONS – September 21-23, 2004

☐ **Mechanical Systems** *(Technical Breakout)*.....8:00 am to 4:00 pm, September 21

☐ **Flight Test** *(Technical Breakout)*.....8:00 am to 4:00 pm, September 21

☐ **General** *(ForAll DERs)*.....8:00 am to 4:00 pm, September 22

☐ **Electrical Systems** *(Technical Breakout)*.....8:00 am to 4:00 pm, September 23

Name _____ My DER Number is: _____

I am a: ☐ Consultant DER ☐ Company DER ☐ DER Candidate ☐ Other

_____ Please confirm my reservation by phoning me at _____

or, e-mailing me at _____

_____ I plan to stay at the hotel. I will make my sleeping room reservations by **September 7, 2004** at the **Hilton Costa Mesa** (800) 445-8667 and request the special rate of \$106 per day, plus tax, for the FAA DER Recurrent Seminar. There is a \$7.00 fee for parking at the hotel.

Return this completed form by September 7, 2004 by FAX to: (405) 954-4104; by mail to: Nancy Gage, AIR-140, P.O. BOX 26460, Oklahoma City, OK 73125-0460; or by e-mail to: DER.Seminar.Registration@faa.gov.

2004 LAACO DER RECURRENT SEMINAR

GENERAL SESSION Wednesday, September 22, 2004

8:00 - 8:05	Welcome, Logistics, and Agenda Overview
8:05 - 8:15	Opening Remarks
8:15 - 9:15	Laws Affecting DERs and Their Businesses
9:15 – 9:25	Break
9:25 - 9:55	Equivalent Level of Safety, Special Conditions, Exemptions
9:55 – 10:25	Conformity Engineering Perspective
10:25 - 10:35	Break
10:35 - 11:45	Lessons Learned From Accidents
11:45 - 1:00	Break
1:00 - 1:30	Approval of Repair and Alteration Data
1:30 - 2:00	DER International Update
2:00 - 2:10	Break
2:10 - 2:40	PMA Panel
2:40 - 3:20	Major Repair/Alteration Panel
3:20 – 4:00	Open Forum (Time Permitting)

AVIONICS & ELECTRICAL SYSTEMS BREAKOUT SESSION Thursday, September 23, 2004

8:00 - 8:10	Welcome, Logistics, and Agenda Overview
8:10 - 8:15	Opening Remarks
8:15 - 9:00	Transport Airplane Wiring Policy Update
9:00 – 9:45	Electronic Flight Bag (EFB) 120-76A Advisory Circular Overview
9:45 - 10:00	Break
10:00– 10:45	Integrated Cockpit Displays: Lessons Learned on the Gulfstream GV-SP & Giv-X Programs, Arc Fault Circuit Breaker Update
10:45 – 11:30	Proposed Modifications to ARP 4754 and 4761
11:30 – 1:00	Lunch
1:00 – 1:30	Update on SC-200/WG-60 Guidelines for Integrated Modular Avionics (IMA) Design and Certification
1:30 – 2:15	Flying With Your Mobile Phone – What’s The Problem?
2:15 – 2:30	Break
2:30 – 3:00	Airborne Surveillance Program Update
3:00 – 4:00	Panel Discussion

2004 LAACO DER RECURRENT SEMINAR

MECHANICAL SYSTEMS

BREAKOUT SESSION

Tuesday, September 21, 2004

8:00 – 8:05	Logistics
8:05 – 8:15	Welcome
8:15 – 8:45	Organization, Roles, & Assignments
8:45 – 9:15	New Policy
9:15 – 9:30	Break
9:30 – 9:45	DPC Role and Process
9:45 – 10:15	DER Authority and Expansion
10:15 – 10:35	DERs Role in Minor/Major Design Changes
10:35 – 11:30	Thermal Acoustic Installation
11:30 – 12:45	Lunch
12:45 – 1:30	Technical Standard Orders
1:30 – 2:15	Reverse Engineering
2:15 – 2:30	Break
2:30 – 3:00	Cabin Interiors
3:00 – 4:00	Open Forum/Panel Discussion

FLIGHT TEST BREAKOUT SESSION

Tuesday, September 21, 2004

8:00 – 8:05	Welcome, Logistics, and Agenda Overview
8:05 – 8:15	Opening Remarks
8:15 – 9:10	Update on Human Factors and Various Topics
9:10 – 9:20	Break
9:20 – 10:20	Compliance Issues for §25.251, Vibration and Buffet
10:20 – 10:30	Break
10:30 – 11:30	Flight Safety Database and Flight Safety Plan Update
11:30 – 1:00	Lunch
1:00 – 2:00	Updated Information About the Handling Qualities Rating Scale
2:00 – 2:10	Break
2:10 – 2:30	Flight Test Branch News
2:30 – 4:00	Open Forum